Amendment to the Claims

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Following is a complete listing of the claims pending in the application, as amended:

- 1. (Original) An image sensor comprising:
- a plurality of pixels formed in a semiconductor substrate, each pixel including a light sensitive element;
- a micro-lens over each of said light sensitive elements; and
- a trench structure surrounding each of said micro-lenses.
- 2. (Original) The image sensor of Claim 1 wherein said trench structure is circular.
- 3. (Original) The image sensor of Claim 1 wherein said trench structure has a rectangular cross-section.
- 4. (Original) The image sensor of Claim 1 wherein the micro-lenses are formed from polymethylmethacrylate (PMMA) or polyglycidylmethacrylate (PGMA).
- 5. (Original) The image sensor of Claim 1 wherein said trench structure has a depth on the order of 0.2 microns.
- 6. (Original) The image sensor of Claim 1 wherein said trench structure is formed in a layer that underlies said micro-lenses.
- 7. (Original) The image sensor of Claim 1 further including a color filter layer between said micro-lenses and said light sensitive elements.

- 8. (Original) A pixel of an image sensor comprising: a light sensitive element formed in a semiconductor substrate; a micro-lens over said light sensitive element; and a trench structure surrounding said micro-lens.
 - 9. (Original) The pixel of Claim 8 wherein said trench structure is circular.
- 10. (Original) The pixel of Claim 8 wherein said trench structure has a rectangular cross-section.
- 11. (Original) The pixel of Claim 8 wherein the micro-lens is formed from polymethylmethacrylate (PMMA) or polyglycidylmethacrylate (PGMA).
- 12. (Original) The pixel of Claim 8 wherein said trench structure has a depth on the order of 0.2 microns.
- 13. (Original) The pixel of Claim 8 wherein said trench structure is formed in the material that underlies said micro-lenses.
- 14. (Original) The pixel of Claim 8 further including a color filter layer between said micro-lenses and said light sensitive elements.
 - 15. 19. (Cancelled)